NITFS
Compliance Registration

Product: DigitalGlobe QuickBird 05 (QB05) Collection and Production System, Version 6.5

Sponsor: DigitalGlobe

Developer: DigitalGlobe

Date: 09 November 2006
Expiration: 08 November 2008
Registration #: 1023

☐ Initial Registration
☑ Supplemental/Update # _4_
☐ Derived from Reg. # _____

System ☑
N-0105/98, §4.1.1

Product ☐
N-0105/98, §4.1.2

Component ☐
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

Complexity Level

NITF 2.1 CLEVEL

		3		5	6	7
Interpret						
Generate						

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:
- SGI 2000 with 4 Processors, IRIX 6.5

Legend
Interpret Generate
- ◉◉ Fully implemented
- ◉◉ Partially implemented
- ○○ Not implemented

NITFS Features Implemented:

Format
NITF
- ○ ◉ V2.1
- ○ ◉ V2.0
- ○ V1.1
NSIF
- ○ ○ V1.0

Pixel Value Types
- ○ ○ Boolean
- ○ ◉ Integer
- ○ ○ Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ○ ○ Bit Mapped **
- ○ ○ CGM, 2301
- ○ ○ CGM, 2301A
- ○ ○ Labels **

Text Segments
- ○ ◉ STA
- ○ ○ UT1
- ○ ○ U8S
- ○ ○ MTF

Image Segment Types
- ○ ◉ MONO
- ○ ◉ RGB
- ○ ○ RGB/LUT
- ○ ○ YCbCr
- ○ ◉ MULTI
- ○ ◉ NODISPLY
- ○ ○ POLAR

Image Compression
- ○ ◉ Not Compressed
- ○ ○ JPEG Lossy, 8-bit
- ○ ○ JPEG Lossy, 12-bit
- ○ ○ JPEG Downsample
- ○ ○ JPEG Lossless
- ○ ○ JPEG 2000 EPJE
- ○ ◉ JPEG 2000 NPJE
- ○ ○ Bi-Level
- ○ ○ Vector Quantization
- ○ ○ Multispectral JPEG, Individual Band
- ○ ○ Multispectral Multi-Component Compression*`

Data Extension Segments
- ○ ◉ TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ○ ○ Controlled Extensions **
- ○ ○ Registered Extensions **

Tagged Record Extensions
- ○ ◉ - PIAE
- ○ ◉ - CSDE
- ○ ◉ - ICHIPB
- ○ ◉ - DIGEST GeoSDE
- ○ ◉ - NCDRD

signature

CURTIS L. GREEN, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.